

CITY OF BURBANK

FIRE EQUIPMENT MECHANIC

DEFINITION

Under supervision perform repairs and services on all Fire Department vehicles and firefighting equipment; and to do related work as required.

ESSENTIAL FUNCTIONS

Inspects, repairs and services a variety of firefighting equipment, including Class "A" pumpers, water tankers, brush firefighting trucks, and ambulances; maintains records of time worked and service repair orders; assists in the design and fabrication of necessary modifications of fire equipment; uses and maintains a complete set of hand, power, and shop tools and test equipment related to the work; requisitions or orders replacement parts as necessary; observes safe work methods and utilizes safety equipment related to the work; reads and interprets schematics, shop manuals, blueprints, and plans in performing work assignments; responds to emergency situations as required; performs field work as assigned; assists in the development of specifications for new equipment; stays current with technology in the mechanical field, particularly as it relates to fire apparatus; drives on City business.

MINIMUM QUALIFICATIONS

Employment Standards:

- Knowledge of - practices, techniques, materials, tools, and equipment used in the diagnosis, repair, and modification of fire apparatus, their component systems and a wide variety of mechanical equipment; metal and wood fabrication and welding as it pertains to fire apparatus; shop mathematics; safety practices; rigging principles and practices used in handling heavy objects; computers and computer programs that assist in the accomplishment of assigned tasks.
- Skill in - the use of arc and acetylene welding equipment.
- Ability to - perform major and minor repairs on heavy duty air and hydraulic brake systems, air compressors, water pumps and electrical systems on ambulances and fire apparatus; proficiently use common mechanical tools and special tools used in the repair trade; read and interpret manuals, schematics, plans, and specifications; manually lift heavy objects that may weigh as much as 100 pounds; perform work involving moderate physical activity and climbing; trace electrical wiring by color coding and touch; recognize and diagnose mechanical problems by sight and sound; establish and maintain effective working relationships with other fire agencies, outside agencies, supervisors, fellow employees, and the public.

Education/Training: Graduation from high school or equivalent and four (4) years experience as a mechanic performing overhaul and repairs on gasoline and diesel engines.

License & Certificates: A valid California Class "C" driver's license or equivalent at time of appointment and a California Class "B" driver's license or equivalent at time of permanent appointment.

SUPPLEMENTAL INFORMATION

Desirable Qualifications: Fire apparatus repair experience.